

Claims

1. A pool lighting system for use with a pool having a water circulation system, said lighting system including a water access fixture for installation through an aperture in a wall of the pool, said access fixture having a light assembly portion integrally connected in adjacent relation with said access fixture; said light assembly portion having a housing with a translucent cover; and power supply means connecting with said light assembly and extending through said access fixture, for connection to an externally located power source.
2. The pool lighting system as set forth in Claim 1, wherein said light assembly contains a substantially planar array of light-emitting diodes.
3. The pool lighting system as set forth in Claim 1, wherein said water access fixture includes an electrical access conduit extending along a portion of the length of the fixture..
4. The pool lighting system as set forth in Claim 1, wherein said light assembly housing is of shallow depth, having a diameter/depth ratio greater than two.
- 5 The pool lighting system as set forth in Claim 2, wherein said light emitting diodes have a light colour emission selected from the group consisting of red, green and blue.
6. The pool lighting system as set forth in Claim 1, wherein said power source is a low-voltage power source.
7. A pool lighting system for use with an above-ground pool having a water circulation

system, said lighting system including a water access fixture portion for installation through an aperture in a wall of the pool, having an externally threaded pipe portion with a locking nut in threaded engagement thereon for securing said access fixture to said pool; said access fixture having a light assembly portion integrally connected in adjoined depending relation therewith; said light assembly portion having a housing with a translucent cover; and power supply means connecting with said light assembly and extending through said access fixture, for connection to an externally located power source.

8. The pool lighting system as set forth in Claim 7, said light assembly portion including a plurality of Light Emitting Diodes in substantially planar array, having said translucent cover in secured relation therewith; and attachment means securing said LED array in releasably secured relation with said light assembly housing.

9. The pool lighting system as set forth in Claim 8, said attachment means including a rib and detent in mutually engaging relation located diametrically opposite a removable screw securing said LED array to said housing..

10 The pool lighting system as set forth in Claim 9, said power supply means including a power cord connecting said light assembly with said power source, including a free length of said cord located within said housing, to facilitate ready outward withdrawal of said LED array from the housing.

11. The pool lighting system as set forth in Claim 7, said integrally connected water access fixture portion and said light assembly portion having a smooth, outwardly convex outer surface in use to afford flush fitting relation with the interior of said pool.